



Fig. 1

Inhibition of ^{131}I -MTO binding by etomidate derivatives

Inhibitor	IC_{50} (nM)	SD	n
Etomidate	1.08	0.42	11
Metomidate	3.69	1.92	6
4-Iodo-metomidate	9.0	3.7	15
2-Fluoro-etomidate	2.89	0.55	4
Free acid	123 μM	41	3



Fig. 2

Distribution of radioactivity after intravenous injection of ¹³¹I-MTO in rats (means \pm SD, n=4)

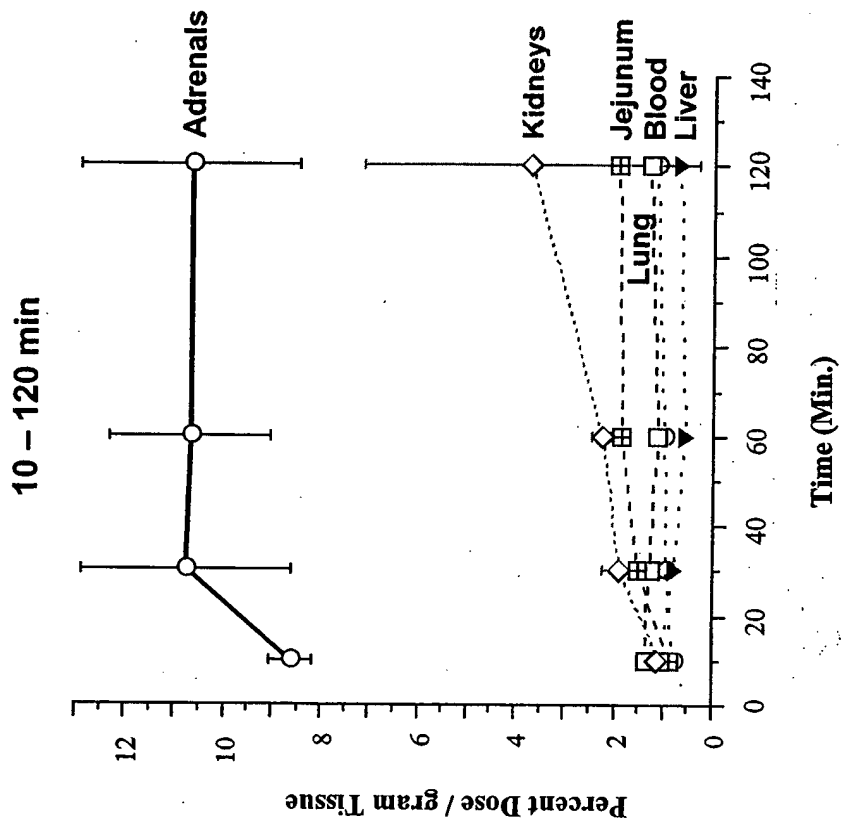




Fig. 3

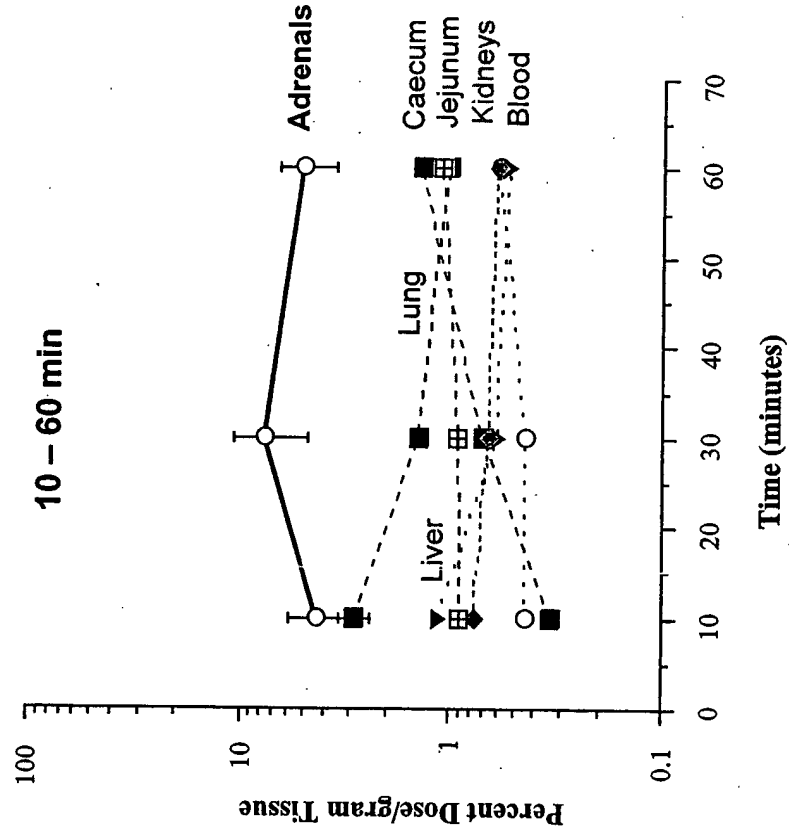
Target / Non-Target Ratios obtained with ^{131}I -MTO

Organ	10	30	60	120 (min)
Adrenal / Kidney	7.7	5.7	4.7	2.9
Adrenal / Liver	8.4	13.9	19.7	15.5
Adrenal / Jejunum	9.8	7.2	5.7	5.5
Adrenal / Blood	11.3	11.1	10.7	9.0



Fig. 4

**Distribution of radioactivity after intravenous injection
of ^{18}F -FETO in rats (means \pm SD, n = 3)**



T/NT ratio at 30 min p.i.	
Adrenal/Lung	5.5
Adrenal/Liver	12.8
Adrenal/Jejunum	8.4
Adrenal/Caecum	11.0